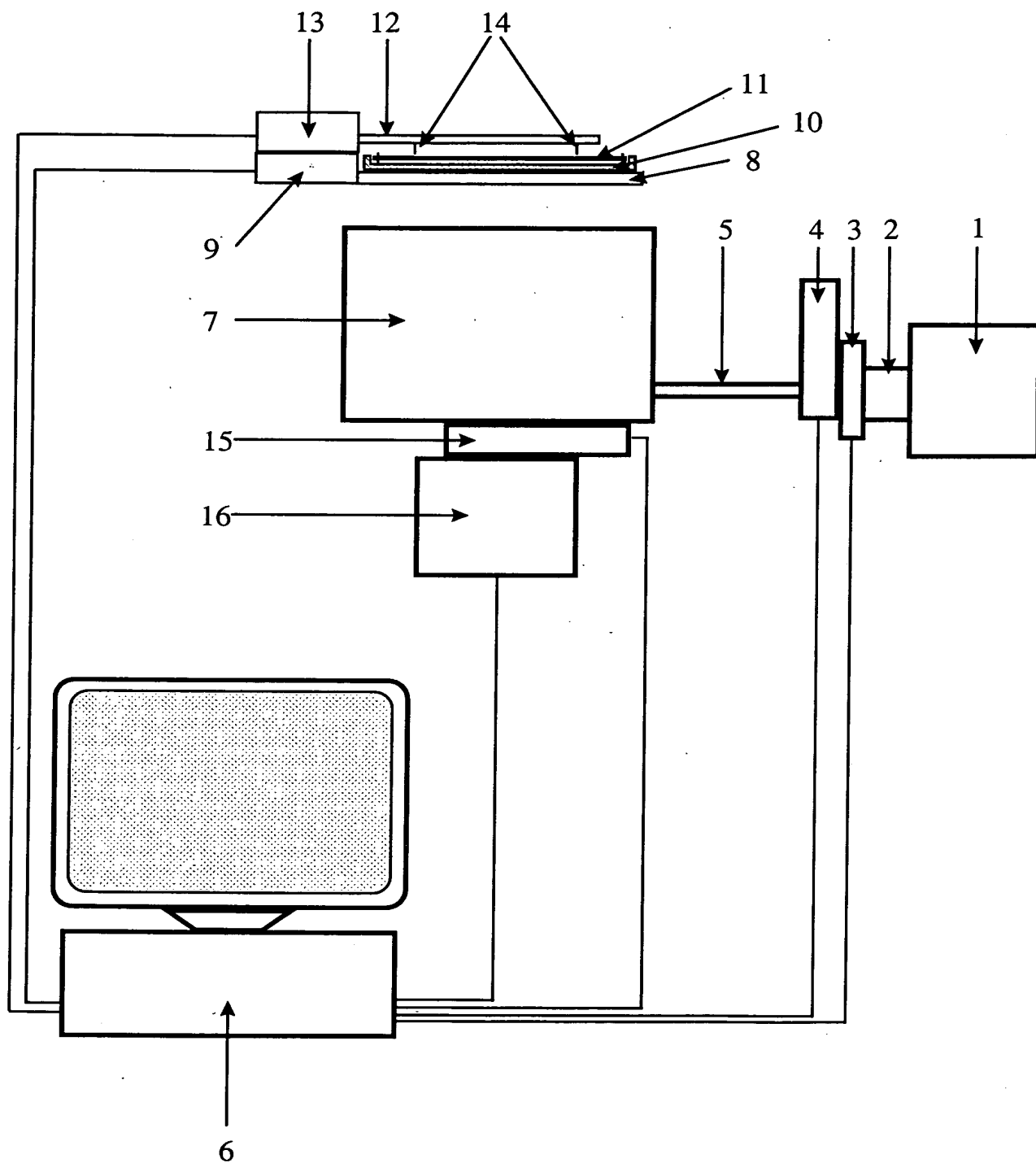


Fig. 1

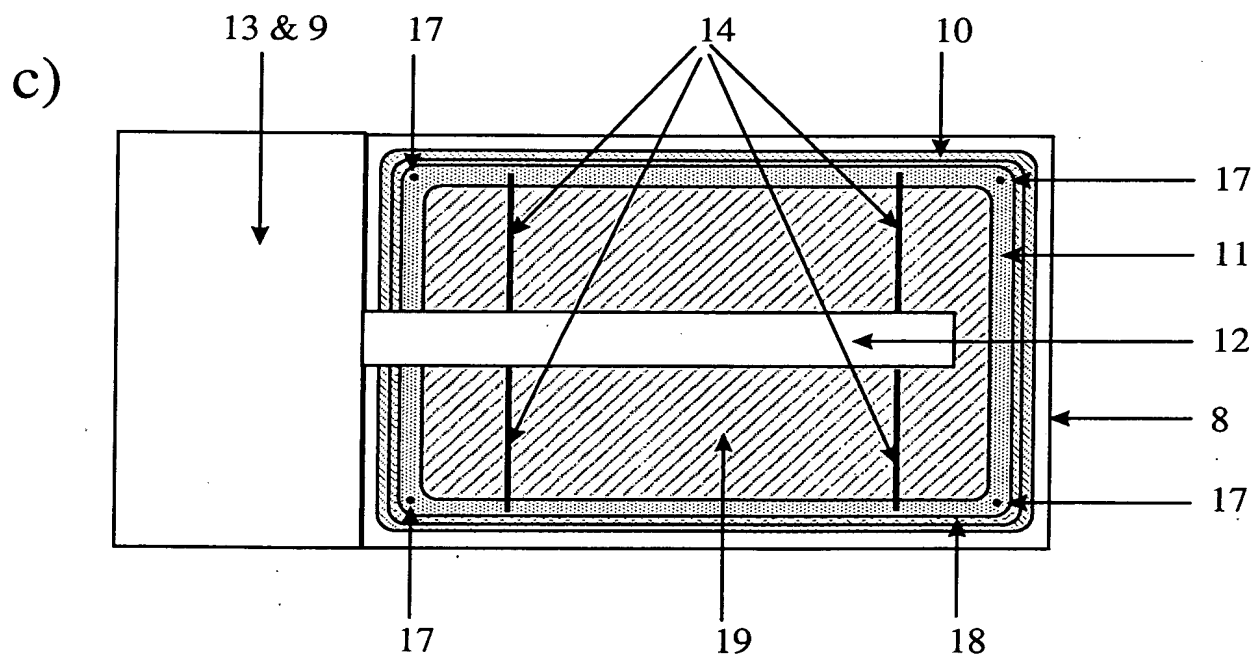
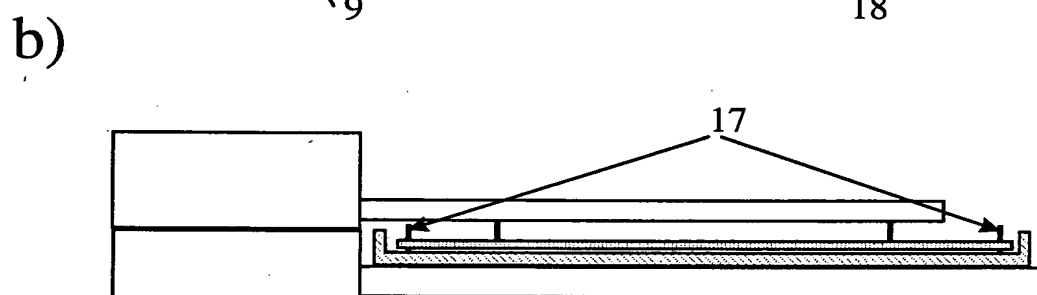
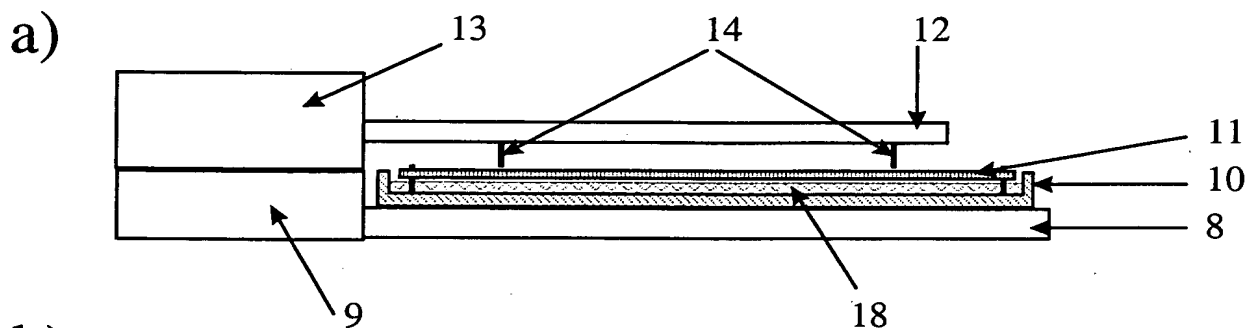
Schematic view of equipment; not to scale



0927513 010099

Fig. 2

Side views of test stage; not to scale



Top view of test stage; not to scale

55070" 075/2360

**3-D sectional representations of portions of
the test-array/detector layers: not to scale**

Fig. 3

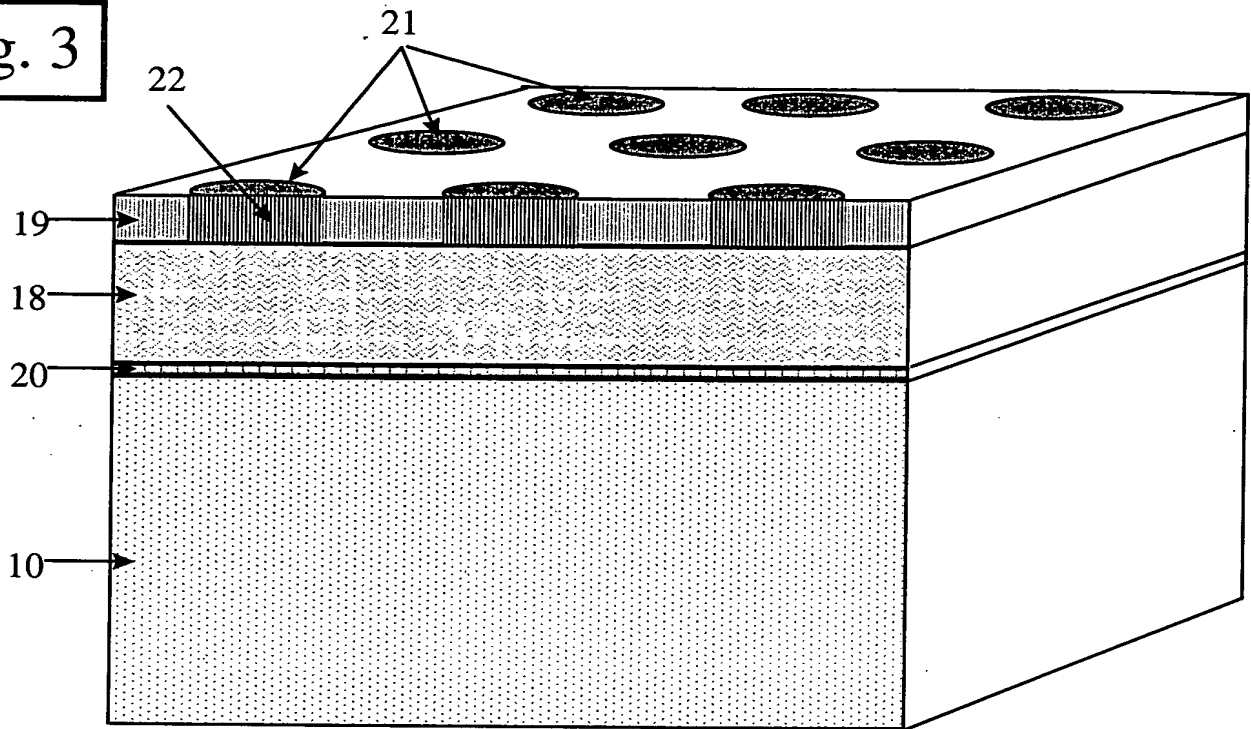
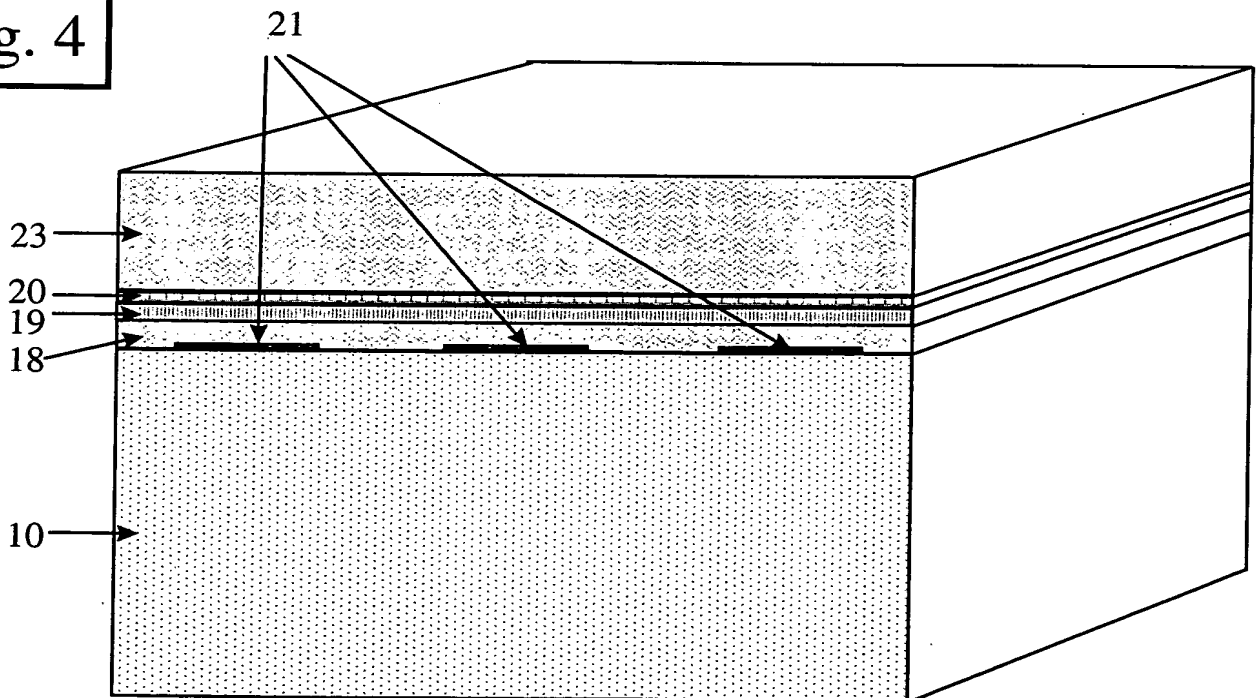
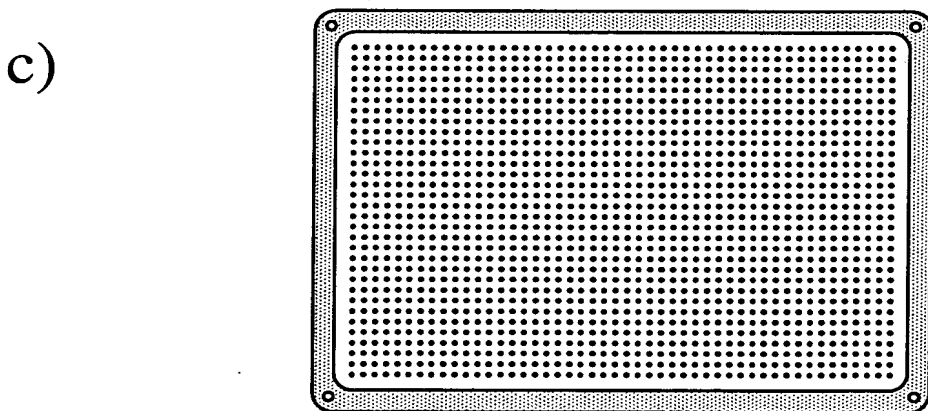
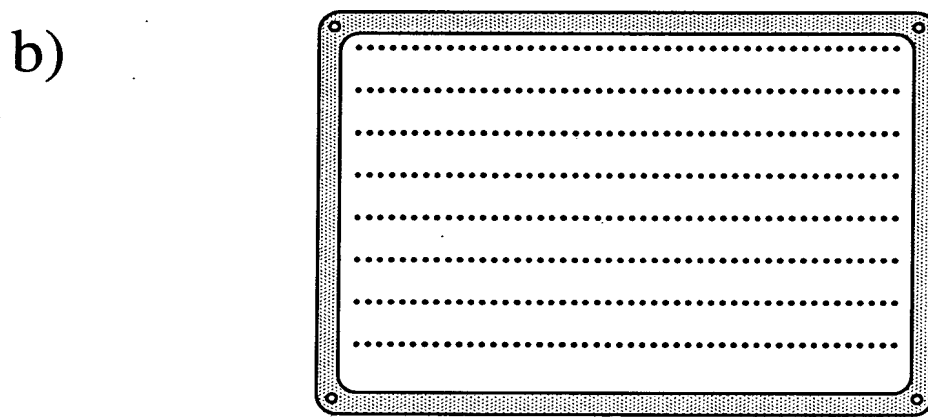
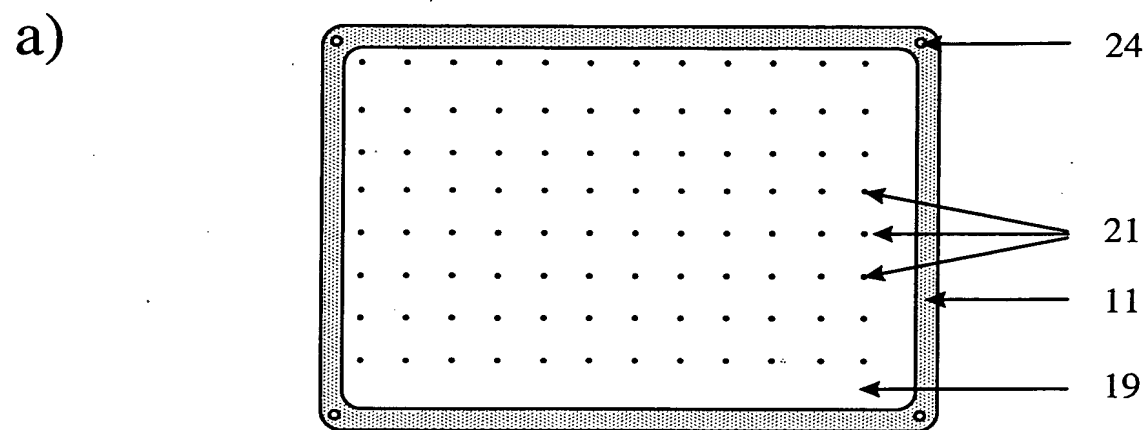


Fig. 4



US 2015/010899

Fig. 5



US 2010/010009

Carbamylcholine Response (1 mM, five spots)

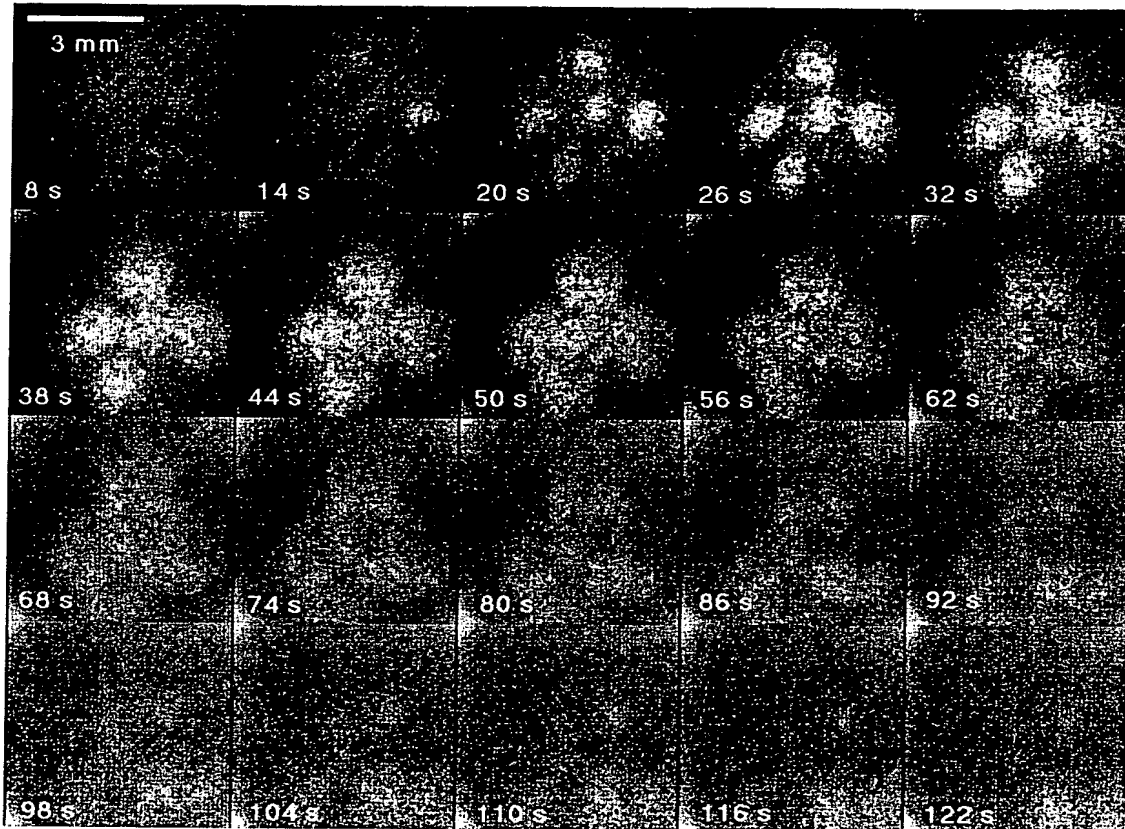


Figure 6

Carbamylcholine Response
(1 mM, five spots)

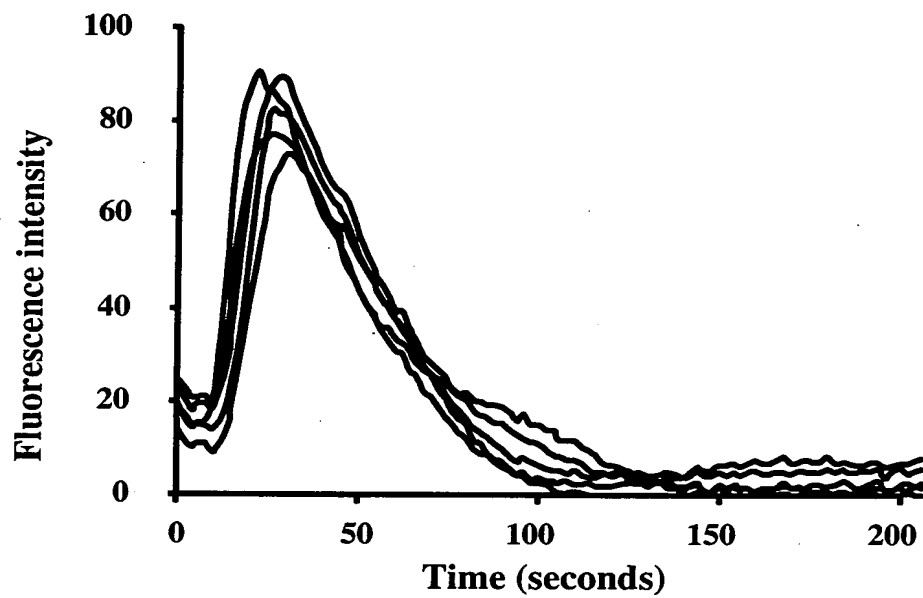


Figure 7

FCCP Response
(50 μ M, 5 x 5 grid of spots)

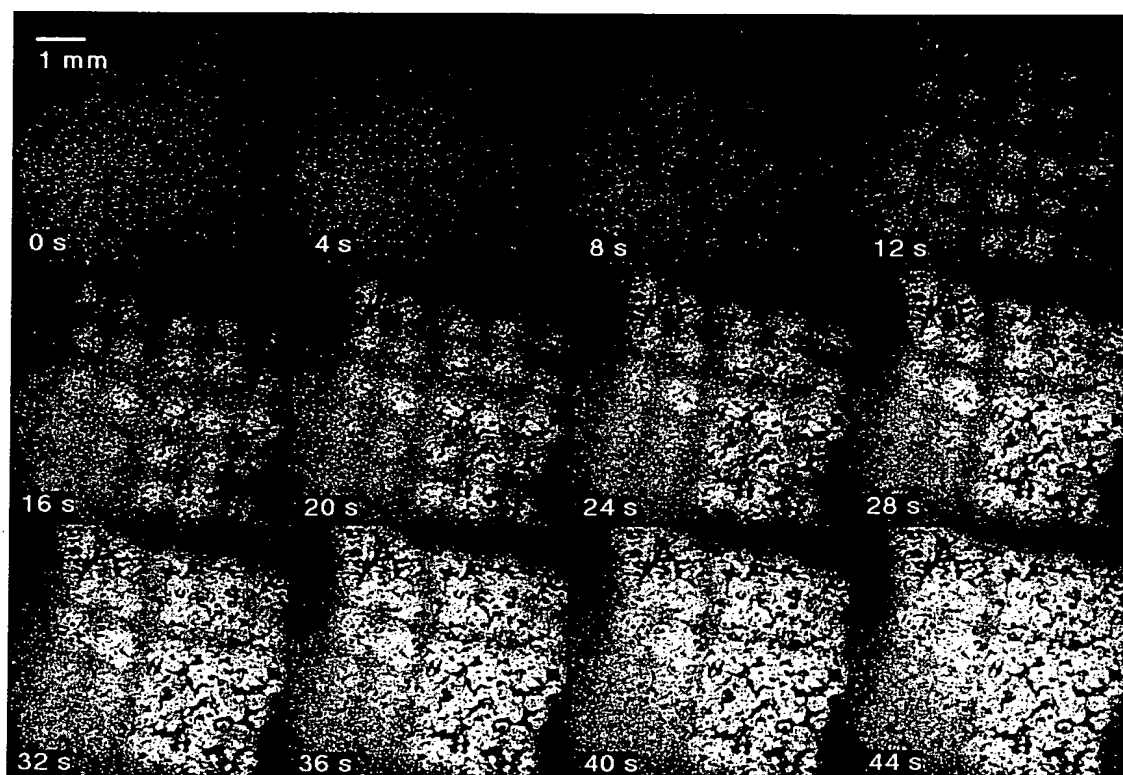


Figure 8

FCCP Response
(50 μ M, five central spots)

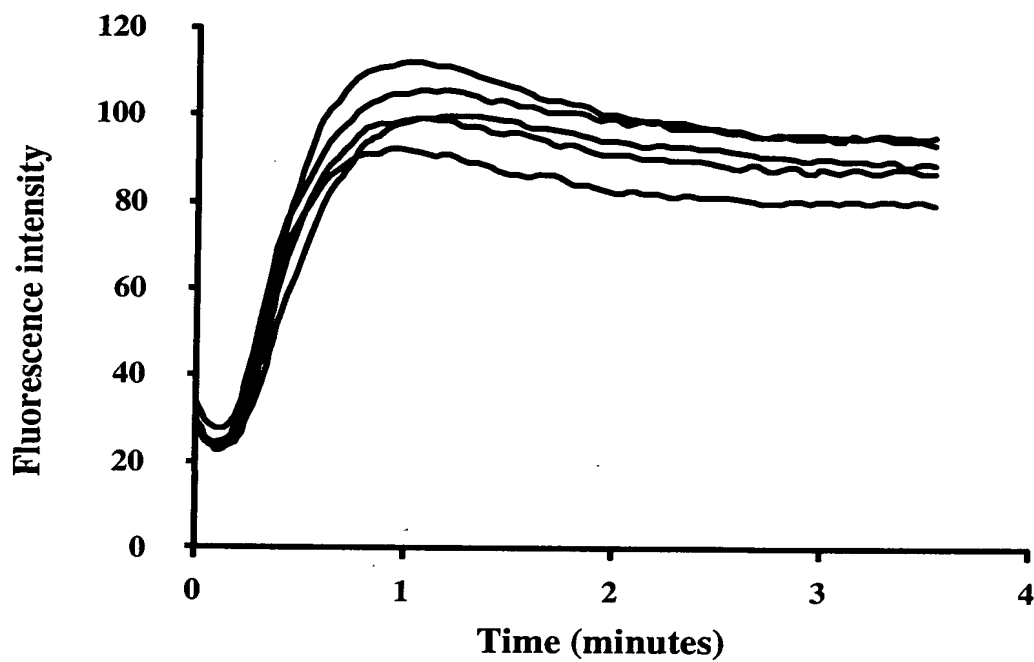


Figure 9

FCCP Dose-response (50, 5, 0.5, 0.05 and 0.005 μ M, 5 x 5 grid)

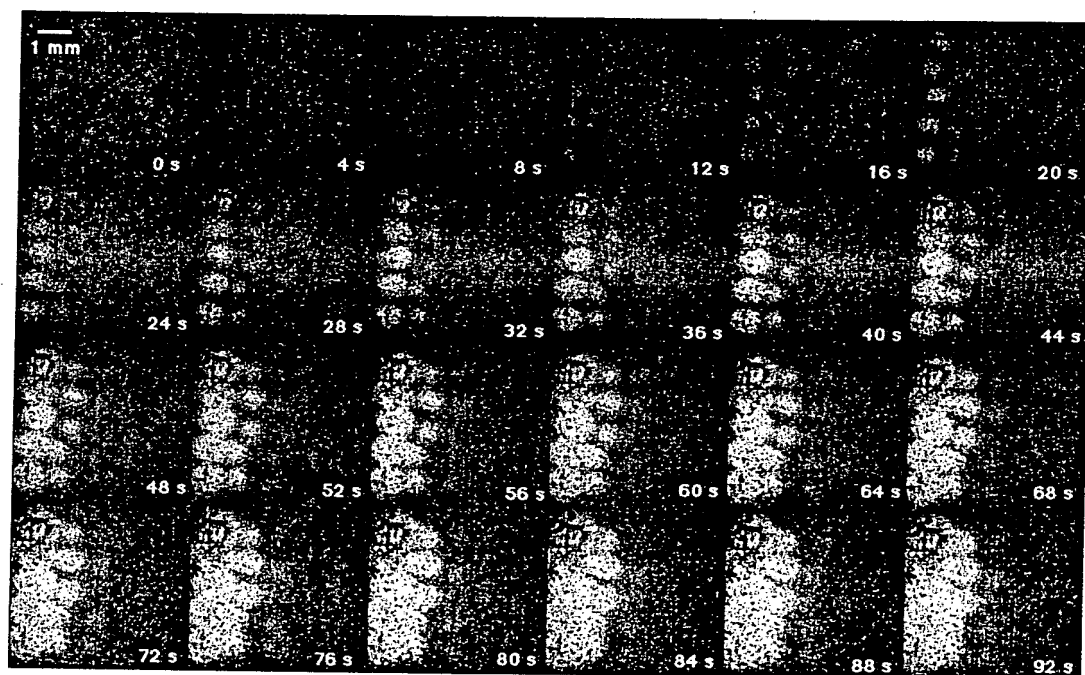


Figure 10

FCCP Dose-response
(50, 5, 0.5, 0.05 and 0.005 μM)

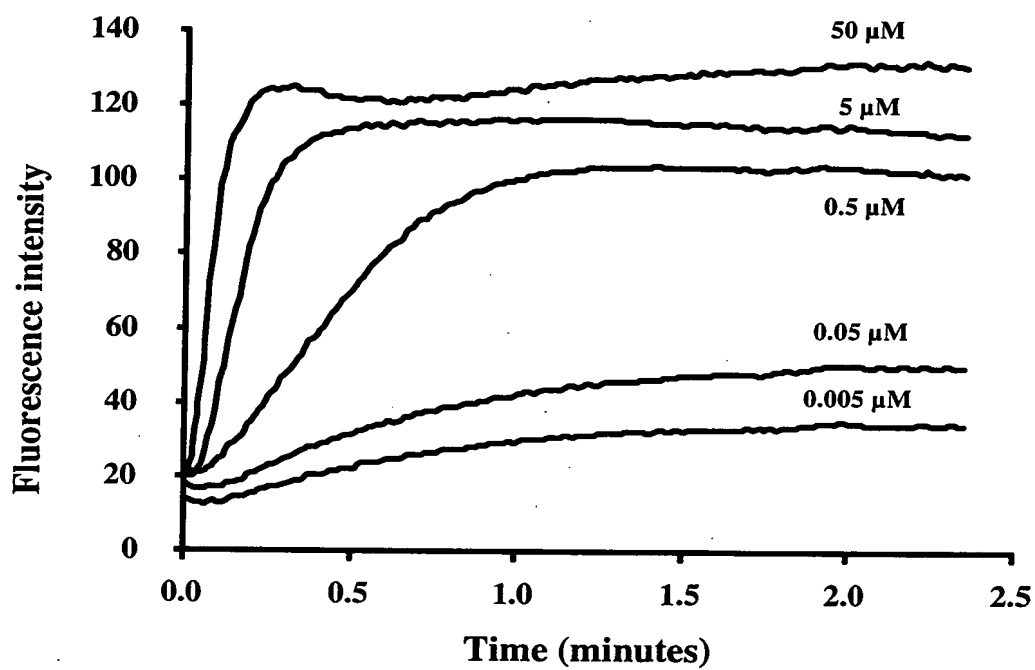


Figure 11

Ionomycin and Thapsigargin responses

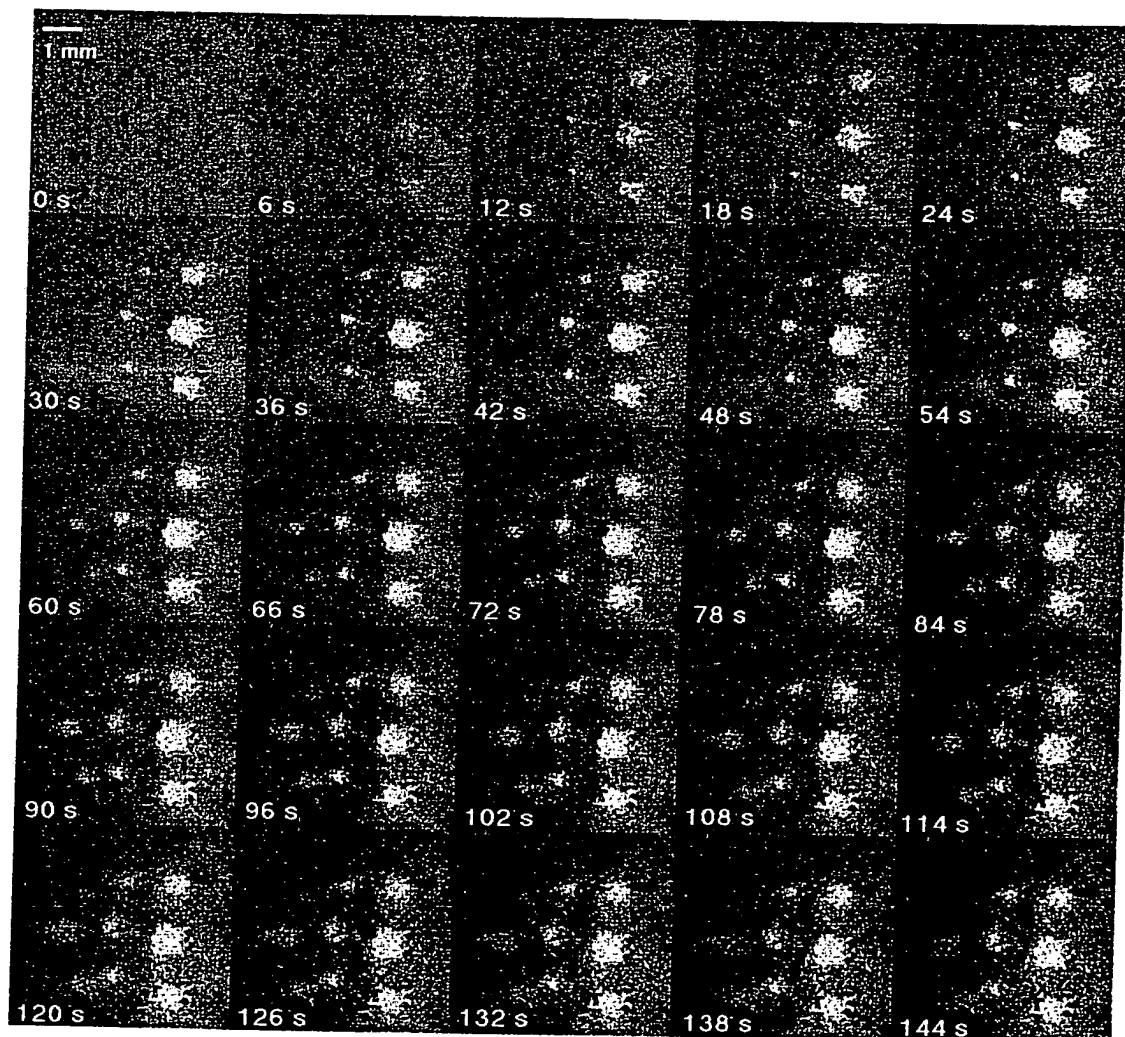


Figure 12

Ionomycin and Thapsigargin responses
(mean of two to three responses)

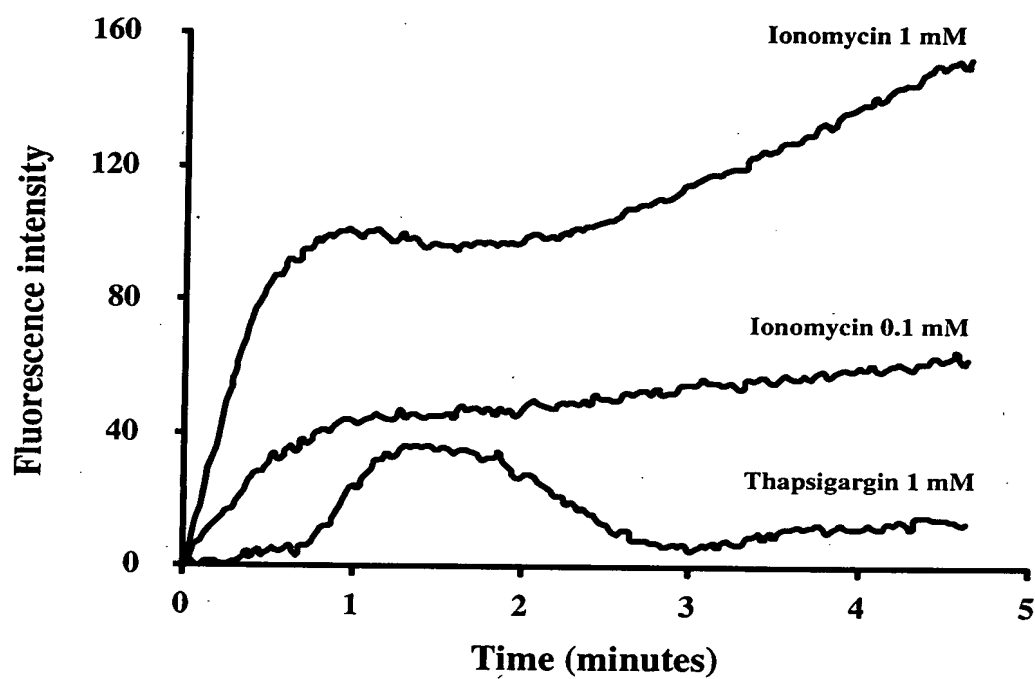


Figure 13